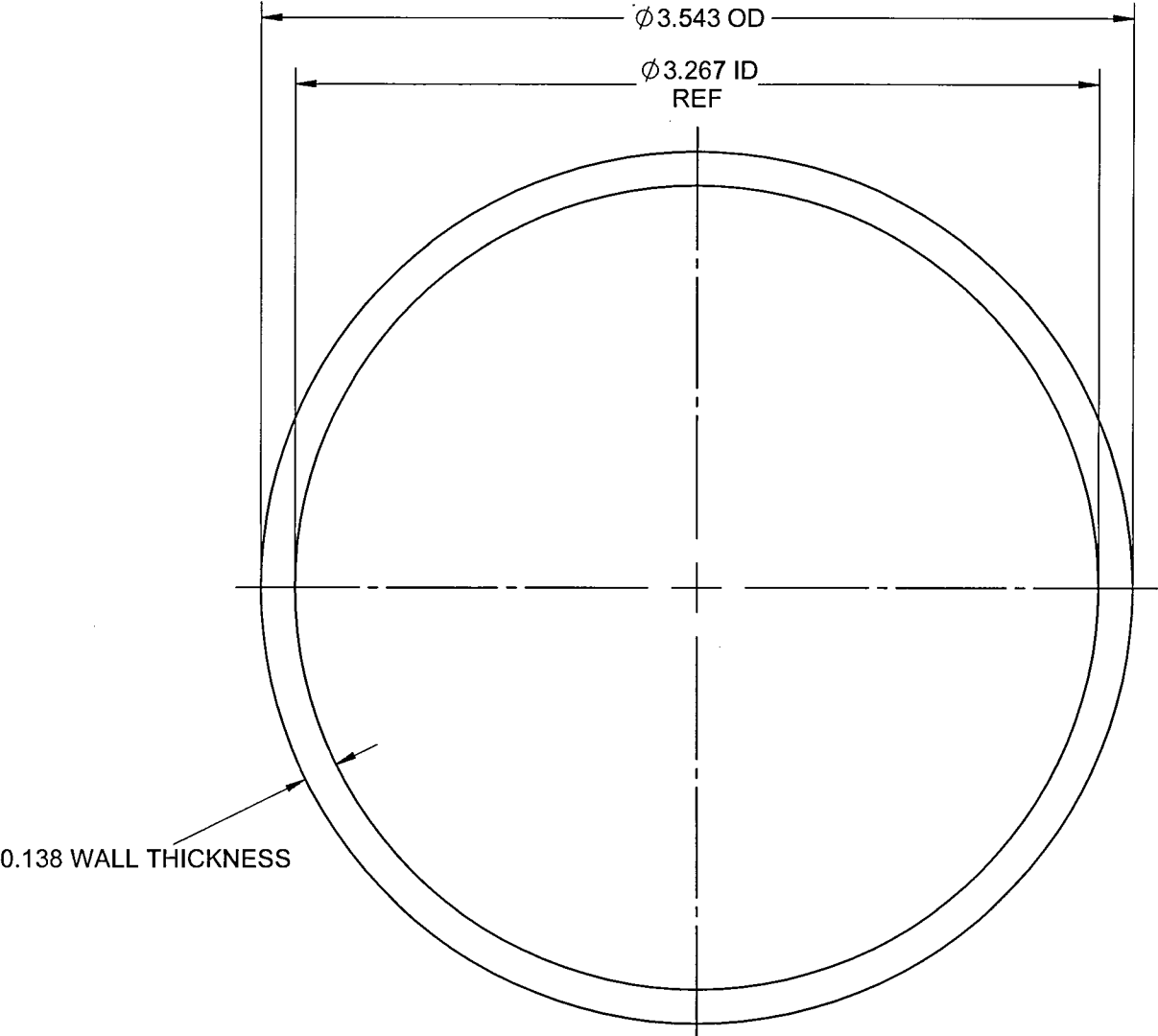


SPECIFICATION CONTROL DRAWING



D6031-XXX TUBE, SEAMLESS

WHERE XXX IS LENGTH IN INCHES
EG. 120" LONG TUBE: D6031-120

NOTES:

- 1) MATERIAL: 3.543 OD X 0.138 WALL 7075-T73/T73510/T73511 (WW-T-700/7 OR ASTM B210)
DRAWN SEAMLESS ALUMINUM TUBE.
MINIMUM ULTIMATE TENSILE STRENGTH = 66 KSI
MINIMUM YIELD TENSILE STRENGTH = 56 KSI
MINIMUM ELONGATION = 12%
- 2) FINISH: NONE
- 3) TOLERANCES: PER ANSI H35.2 AND AS FOLLOWS:
O.D.: +/- 0.008 MEAN (+/- 0.016 INCLUDING OVALITY)
WALL: +/-0.006 MEAN (+/- 0.014 INCLUDING ECCENTRICITY)
LENGTH: XXX +0.500/-0.000
STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH
DENTS: PER NOTE 8 BELOW
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A
- 8) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE.
THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS
SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY.
CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

RELEASED

2018 OCT 02
EJN 18-817

APPROVED

A	NEW ISSUE		ZF	17.12.04
REV.	DESCRIPTION		BY	DATE
DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	ZF			
CHECKED	MW	DRAWING NO.	REV. A	
MFG. APPR.	JFS	D6031	SHEET 1 OF 1	
APPROVED	NO	TITLE	SCALE	
DE APPR.	CP	TUBE, SEAMLESS	NTS	
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